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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

August 14, 2003

Moller Materials Handling GmbH

Docket No.: 1179-014

Ser. No.: 10/466,123

Art Unit:

Filed: July 10, 2003

Examiner:

For: DEVICE FOR PNEUMATIC OR HYDRAULIC CONVEYING OF
DUSTY, POWDERY OR GRANULAR BULK MATERIAL

Mail Stop: IDS
Commissioner for Patents
Washington, DC 20231

I hereby certify that this correspondence is being deposited
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addressed to Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450, on August 14, 2003.

Lynn L. Pond
Lynn L. Pond

COMMUNICATION

Sir:

On July 10, 2003, applicant's submitted PTO Form 1449 with an Information Disclosure Statement, pursuant to 37 C.F.R. 1.56 (copy attached). With this Communication, applicant herewith submits a Statement of Relevancy for each of the foreign documents disclosed on Form 1449.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-0289.

Respectfully submitted,

WALL MARJAMA & BILINSKI LLP

By: *Daniel P. Malley*
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Customer No.: *20874*
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PATENT TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Ser. No.: 10/466,123

Art Unit: TBD

Filed: July 10, 2003

Examiner: TBD

For: DEVICE FOR PNEUMATIC OR
HYDRAULIC CONVEYING OF DUSTY,
POWDERY OR GRANULAR BULK
MATERIAL

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P.O. Box 1450, Alexandria, VA 22313-1450, on July 24,
2003.

Kathryn A. Watson
Kathryn A. Watson

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Copies of each of the references listed on Form PTO-1449 are attached.

While one or more non-English language references have been cited herein, and copies thereof are provided herewith, a concise explanation of the relevance thereof was not readily available at the time of filing this statement. However, such concise explanation will promptly be filed herein.

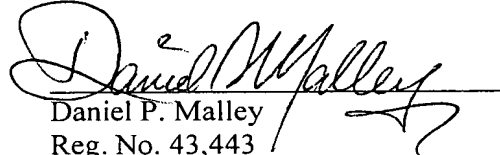
The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. See 37 C.F.R. §1.104(a) and §1.105 concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution

of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of the first Office Action on the merits (whichever is later), and therefore no certification under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-0289.

Respectfully submitted,



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PATENT TRADEMARK OFFICE

Form PTO 1449
US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Atty Docket No. 1179_014

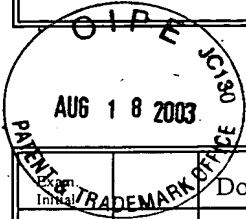
Serial No. 10/466,123

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Applicant DUWE et. al.

Filing Date July 10, 2003

Group TBD



U.S. PATENT DOCUMENTS

Initial	Document Number	Date	Name	Class	Sub Class	Filing Date

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation	Abstract
A	DE 15 06 848						
B	DE 36 02 458						
C	DE 21 02 301						
D	DE 37 11 122						
E	EP 0 160 661						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.)

Examiner	Date Considered
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



U.S. Patent Application No. 10/466,123

Title: DEVICE FOR PNEUMATIC OR HYDRAULIC CONVEYING OF
DUSTY, POWDERY OR GRANULAR BULK MATERIAL

Your Ref. No.: 1179_014

Our Case K-46521-19

Statement of Relevancy

DE 15 06 848 C3

This document discloses a conveying pipe for bulk material to be conveyed by pressurized air. At axial distances the pipe has openings at the upper side, and the pipe is covered by a cover welded to the conveying pipe. At the location of the openings the cover has fluid resistances formed by plates or other shapes which deflect the fluid towards the conveying pipe. Such structure is to eliminate plugs in the conveying pipe.

DE 21 02 301 A1

The conveying pipe of this bulk material conveying system includes a smaller pipe extending within the conveyor pipe at the upper portion thereof. The smaller pipe has openings opening into the conveying pipe from above and formed by deformation of the sheet material from which the smaller pipe is formed so that by deformed portions fluid is partially deflected into the conveying pipe. Also with this structure the formation of plugs in the conveying pipe is to be prevented.

EP 0 160 661

This document discloses a pneumatic and hydraulic conveying installation for transporting dusty, powdery or grained bulk material. It includes a conveyor pipe with an internal pipe placed in it and running parallelly to the axis of the conveying pipe. The internal pipe is provided with outlets and inlets. Vertically standing disks

are provided with at least one opening which is placed in the internal pipe between and outlet and an inlet.

DE 37 11 122 C1

The system disclosed by this document is similar to that of the EP 0 160 661. Furthermore the internal pipe has specific cut outs forming the inlet and the outlet opening between a plate extending downwardly into these openings. Furthermore, the plates or disks may be provided with a hole.

DE 36 02 458 C2

The conveying system of this document has a conveying pipe. In spite of an internal pipe a U-shaped or triangularly shaped cover downwardly opened extends in the conveying pipe and is provided with different fluid resistances at axial distances. The purpose of this structure is to deflect a portion of the air conveying the bulk material downwardly in order to prevent plugs.